

382152232.txt
SEQUENCE LISTING

<110> Monsanto Technology LLC

Chen, Guilan

Hironaka, Catherine

Zhou, Hua-Ping

<120> Glyphosate Tolerant wheat Plant 33391 and Compositions and Methods for Detection Thereof

<130> 38-21(52232)A

<140> 60/236,653 and 60/236,653

<141> 2000-09-29

<160> 12

<170> PatentIn version 3.0

<210> 1

<211> 32

<212> DNA

<213> Oryza sativa

<400> 1
cgactcaa at acagatatgc atttccaaaa gc

32

<210> 2

<211> 30

<212> DNA

<213> Oryza sativa

<400> 2
gactatcccc actctcttct caagcatatg

30

<210> 3

<211> 27

<212> DNA

<213> Agrobacterium tumefaciens

<400> 3

catgtaatgc atgacgttat ttatgag

27

<210> 4

<211> 30

<212> DNA

<213> Agrobacterium tumefaciens

<400> 4

atcgcgcgcg gtgtcatcta tgttactaga

30

<210> 5

<211> 399

<212> DNA

<213> artificial sequence

<220>

<221> misc_feature

<222> (1)..(399)

<223> chimeric sequence of wheat genome and transgene insert

<400> 5

acacacgtac ccccaaacga tcagaagagg agccaaaaac ctaattccac caccgcaagt 60

ttctgtatcc acgagatccc atcttggggc ctgttccgga gctccgccgg acgagggccg 120

tcatcacgga tggcttctgc atcatcatag cctctccgat gaagtgtgag tagtttacct 180

cagaccttcg ggtccatagt tagtagctag atggcttctt ctctctcttt gaatctcaat 240

acaaagttct ccccctctct aattcggaaa tctttatttc gacgtgtcta cattcacgtc 300

caaatggggg cttagatgag aaacttcacg atcgatgcgg ccgcgttaac aagcttactc 360

382152232.txt
gaggtcattc atatgcttga gaagagagtc gggatagtc

399

<210> 6

<211> 431

<212> DNA

<213> artifical sequence

<220>

<221> misc_feature

<222> (1)..(431)

<223> chimeric sequence of wheat genome and transgene insert

<400> 6

atcgcgcgcg gtgtcatcta tgttactaga tcggggatat ccccagcttg atggggatca	60
gattgtcggt tcccgccttc agtttaaact atcagtgttt aaataattga tagaacctca	120
aataattatg acgatgtcca ggcactgata aatacatagg catcacgtcg aagattagta	180
gatacgaagat tagtagactg acgatgtcca ggcactgata aatacatagg gatcggggat	240
aaccaaatta ctgttgggca attgatagaa cctcaaataa ttatgacgat gtccaggcac	300
tgatcaatac ataggcatca cgatcgaagat tagtagaccg actccttcct gcatctacta	360
ctattactcc acacatcgac agttatccag catacatcta gtgtattaag ttcattgaaa	420
aacggaaatg c	431

<210> 7

<211> 24

<212> DNA

<213> Triticum aestivum

<400> 7

cgatcagaag aggagccaaa aacc	24
----------------------------	----

<210> 8

<211> 26

<212> DNA

<213> Oryza sativa

<400> 8
cgactcaa at acagatatgc atttcc 26

<210> 9
<211> 24
<212> DNA
<213> Triticum aestivum

<400> 9
cataatggga ggc atgcttc gctg 24

<210> 10
<211> 24
<212> DNA
<213> Triticum aestivum

<400> 10
ccggttctca ctgctatctg caac 24

<210> 11
<211> 22
<212> DNA
<213> artificial sequence

<220>
<221> misc_feature
<222> (1)..(22)
<223> fully synthetic sequence

<400> 11
gtatatcgac tcactatagg gc 22

<210> 12
<211> 19
<212> DNA

382152232.txt

<213> artifical sequence

<220>

<221> misc_feature

<222> (1)..(19)

<223> fully synthetic sequence

<400> 12
actatagggc acgcgtggt

19